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ABSTRACT OF THE DISCLOSURE

Disclosed are novel compounds, novel compositions, methods of their use, and methods of their manufacture, where such compounds of Formula 1 are pharmacologically useful inhibitors of Protein Tyrosine Phosphatases (PTPases) such as PTP1B, CD45, SHP-1, SHP-2, PTP α , LAR and HePTP or the like,

$$R_{5} \xrightarrow{n} \begin{bmatrix} R_{4} & R_{1} \\ 1 & R_{2} \end{bmatrix} \xrightarrow{R_{2}} O O - R_{2}$$

Formula 1

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wherein n, m, X, Y, R_1 , R_2 , R_3 , R_4 , R_5 and R_6 are defined more fully in the description. The compounds are useful in the treatment of type I diabetes, type II diabetes, impaired glucose tolerance, insulin resistance, obesity, and other diseases.